

10/069588Abstract of the Disclosure

When feedback control is carried out to ensure that the drive torque of an electric motor for driving each wheel of a vehicle should be equal to a motor torque instruction value, micro-vibration is applied to each tire by superposing a micro-vibration signal to a drive signal for the above electric motor to change the slip ratio-friction characteristics themselves of the tire to control friction force between the tire and the surface of a road, thereby controlling the running performance of the vehicle.